ECS/EMD Configuration Change Request

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1. Originator Ron Best	2. Log Date: 04/05/2005	3. CCR #: 04-0146	4. Rev: A	5. Tel: 301-925-0810	6. Rm #: 3015B	7. Org. Deploy

8. CCR Title: Patch_7.03_ HEG.02A

9. Originator Signature/Date **Ron Best /s/ 04/05/2005**	10. Class **II**	11. Type: **CCR**	12. Need Date: 2005-04-01

13. CCR Sponsor Signature/Date **Pamela Johnson /s/ 04/05/2005**	14. Category of Change: Patch/TE	15. Priority: (If "Emergency" fill in Block 27). Routine

16. Documentation/Drawings Impacted (Review and submit checklist):	17. Schedule Impact:	18. CI(s) Affected:HEG

19. Release Affected by this Change: 7.03+	20. Date due to Customer: 2005-04-01	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
ECSed41013, ECSed41495, ECSed41518, ECSed41763, ECSed41872, ECSed41893, ECSed41896, ECSed41941, ECSed42009, ECSed42027, ECSed41874

23. Problem: (use additional Sheets if necessary)
Some of the problems addressed by Patch_7.03_HEG.02A are:
ECSed41013 - Create makefiles for building Standalone HEG on non-Sun platforms
ECSed42027 - Core in PGS_MET_SetAttr.c when requesting .met output for MOD43B3
ECSed41495 - GSFC/SMC: HEG omits all local attributes from output file
ECSed41872 - Analyze impact on HEG of pixel registration at center for MODIS grid

24. Proposed Solution: (use additional sheets if necessary)
Deliver Patch_7.03_HEG.02 to all DAACs.

25. Alternate Solution: (use additional sheets if necessary)
None

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
The fixes that are needed by the DAACs will not be implemented and DAACs will continue to have system problems. The DAACs will not be able to implement Synergy V code that executes the HEG on the Linux platform.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF ☐PVC ☐VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. SCDV CCB Chair (Sign/Date): **Byron V. Peters /s/ 4/5/2005**	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. EDF CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

CM01JA00 Revised 10/2/03 ECS/EDF/SCDV

ADDITIONAL SHEET

CCR #: 05-0146   **Rev: A**   **Originator:** Ron Best

Telephone: 301-925-0810   **Office:** 3015B

Title of Change: Release of Patch_7.03_ HEG.02A to DAACs for installation.

The following documents contain the installation procedures and test reports:

Patch_7.03_HEG.02A for the EOSDIS Core System (ECS) Release Notes

23. Problem: (continued)

ECSed41518 - DPHEG MOD09A1 GEOTIFF have wrong fill value for the Surface
ECSed41763 - swath converters (swtif, swath_stitch) should produce log files
ECSed41874 - Create Makefiles for Linux builds of Data Pool HEG
ECSed41893 - Backward compatibility issue with old parm file for swath convert/stitch
ECSed41896 - DPHEG MODIS Output need a HDF Flag adjusted.
ECSed41941 - GSFC/SMC - Add option to HEG's SWTIF function to send stdout to a log
ECSed42009 - GSFC/SMC: HEG SUBSYSTEM, no option to specify path to temp lats lons